

CLAIMS

Claims 1-7. (Canceled)

8. (Currently Amended) A storage and distribution device (D) for parts, comprising:
a storage cartridge body (100') having receiving zones (100') for receiving parts storage cartridges (200) with an identification label (240);
at least one mobile distribution head (300) coupled to the body (100'), the mobile distribution head (300) having an identification label reader (320);
distribution tubes (310) coupled to the mobile distribution head (300), each distribution tube (310) having a diameter that corresponds to a diameter of the parts to be distributed; and
wherein the mobile distribution head (300) is configured to position an end of a distribution tube (310) coaxially to an outlet of a storage cartridge (200) identified with the identification label reader (320) as containing a particular part such that the particular part can be evacuated from the storage cartridge (200) and moved through the distribution tube (310).
9. (Currently Amended) The device (D) according to claim 8, wherein the mobile distribution head (300) is associated to a logic structure (400) creating a displacement plane of the mobile distribution head (300) in front of the storage cartridges (200).
10. (Currently Amended) The device (D) according to claim 8, wherein according to the diameter of the required part , the mobile distribution head (300) positions an end of a distribution tube (310) of a suitable diameter in front of the outlet of the storage cartridge (200) storing the required parts .
11. (Currently Amended) The device (D) according to claim 8, wherein the storage cartridges (200) have a stored part outlet orifice (230), wherein the distribution tubes (310) coupled to the mobile distribution head (300) are positioned parallel to axes of the outlet orifices (230) of the storage cartridges (200); and

wherein the mobile distribution head (300) can move such that the distribution tubes (310) are positioned coaxially to the axes of the outlet orifices (230).

12. (Currently Amended) The device (D) according to claim 8, wherein the distribution tubes (310) are moved by means of the mobile distribution head (300) to a position where at least one end of at least one distribution tube (310) communicates with a storage cartridge (200) containing the parts to be distributed.

13. (Currently Amended) The device (D) according to claim 8, wherein each storage cartridge (200) is connected to a wait chamber (110) that authorizes the unitary exit of the parts stored in the storage cartridge (200) and with which the mobile distribution head (300) communicates.

14. (Canceled)

15. (Currently Amended) A storage and distribution device (D) for parts, comprising:

- a plurality of storage cartridges (200) for the parts, the storage cartridges (200) having an identification label (240);

- a storage cartridge body (100') equipped with zones (100') for receiving the storage cartridges (200);

- at least one mobile distribution head (300) coupled to the body (100'), the mobile distribution head (300) having an identification label reader (320);

- a plurality of distribution tubes (310) coupled to the mobile distribution head (300), the distribution tubes (310) having a storage cartridge connecting end and a dispensing end, and whose diameters correspond to diameters of the parts to be distributed; and

- wherein the mobile distribution head (300) is configured to position at least one of the storage cartridge connecting ends of the distribution tubes (310) coaxially with an outlet of a storage cartridge (200) identified with the identification label reader (320) as containing a particular part with a diameter that corresponds to the diameter of the distribution tube (310), such that the particular part can be evacuated from the storage cartridge (200) and moved through the distribution tube with a transport fluid.

16. (Currently Amended) The device (D) according to claim 15, wherein each storage cartridge (200) is connected to a wait chamber (110) that authorizes the unitary exit of the parts the storage cartridge (200) stores and with which the mobile distribution head (300) communicates.